

L1 STRUCTURE UPLOADED

=> D L1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> S L1 fam full

FULL SEARCH INITIATED 10:11:56 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

L2 2 SEA FAM FUL L1

=> D L2

L2 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN

RN 198972-00-8 REGISTRY

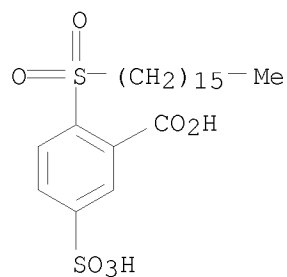
ED Entered STN: 24 Dec 1997

CN Benzoic acid, 2-(hexadecylsulfonyl)-5-sulfo-, lead(2+) salt (1:1) (CA
INDEX NAME)

MF C23 H38 O7 S2 . Pb

SR CAS Client Services

CRN (198971-99-2)



● Pb(II)

=> D L2 1-2

L2 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN

RN 198972-00-8 REGISTRY

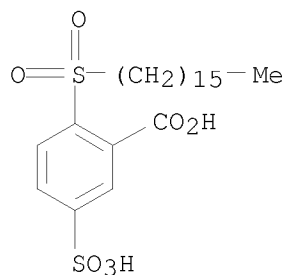
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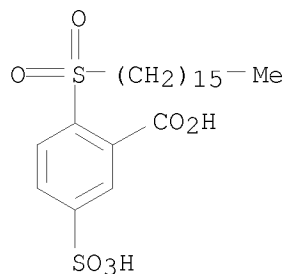
SR CAS Client Services

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L2 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
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 MF C23 H38 O7 S2
 CI COM
 SR CAS Client Services
 LC STN Files: CA, CAPLUS, CHEMCATS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 10:12:33 ON 28 NOV 2007
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FILE COVERS 1907 - 28 Nov 2007 VOL 147 ISS 23
FILE LAST UPDATED: 27 Nov 2007 (20071127/ED)

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=> S L2

L3 1 L2

=> D L3 ibib abs kwic

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:823449 CAPLUS <<LOGINID::20071128>>
DOCUMENT NUMBER: 143:229556
TITLE: Preparation and use of long-chain alkyl compounds as heparanase inhibitors
INVENTOR(S): Van Gelder, Joel M.; Basel, Yochai; Kraiz, Boris O.; Mouallem, Orly; Miron, Daphna; Gur-Arie, Nina; Klein, Joseph
PATENT ASSIGNEE(S): Insight Biopharmaceuticals Ltd., Israel
SOURCE: PCT Int. Appl., 174 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005074375	A2	20050818	WO 2005-IL149	20050206
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005211255	A1	20050818	AU 2005-211255	20050206
CA 2555313	A1	20050818	CA 2005-2555313	20050206
EP 1720828	A2	20061115	EP 2005-703192	20050206
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU				
JP 2007525494	T	20070906	JP 2006-552017	20050206
US 2007185176	A1	20070809	US 2006-588554	20060807

PRIORITY APPLN. INFO.:

US 2004-541904P

P 20040206

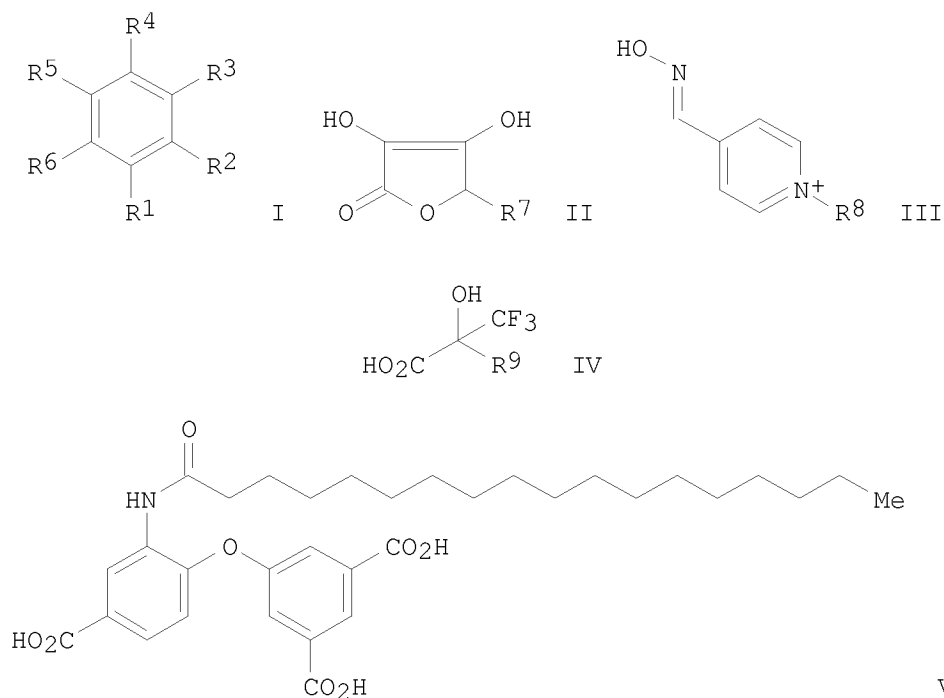
WO 2005-IL149

W 20050206

OTHER SOURCE(S):

CASREACT 143:229556; MARPAT 143:229556

GI



AB The invention provides heparanase inhibitors I-IV (R1 = substituted 5-hydroxy-1-pyrazolyl, carboxamido, carbonylamino, alkylsulfonyl, aryloxy, etc; R2-R7 = independently H, halo, NO₂, C1-32 alkyl, C2-32 alkenyl, C6-14 aryl, heteroaryl, alkoxy, thioalkyl, amino, alkylamino, acyl, acyloxy, etc.; or R1 and R2 may form heterocyclic ring; R8 = C1-32 alkyl; R9 = C2-32 alkenyl) suitable for treatment of diseases and disorders caused by or associated with heparanase catalytic activity such as cancer, inflammatory disorders and autoimmune diseases. Thus, long-chain amide V was prepared in two steps from stearoyl chloride and di-Me 5-(2-amino-4-methoxycarbonylphenoxy)isophthalate. Amide V inhibited human recombinant heparanase with IC₅₀ = 2.00 μ M.

IT 137-66-6 2467-29-0 6674-98-2 10285-76-4 13048-16-3 17725-26-7
 17725-27-8 21528-59-6 30515-97-0 31042-44-1 33622-69-4
 34215-57-1 40442-59-9 53533-50-9 55302-59-5 55302-60-8
 55303-50-9 70745-82-3 75168-16-0 81451-93-6 96173-75-0
 96711-28-3 96765-80-9 96772-14-4 97734-03-7 97734-12-8
 97734-34-4 105862-69-9 115345-38-5 116030-46-7 119712-98-0
 122335-06-2 125677-03-4 126882-71-1 133898-04-1 149022-18-4
 153908-56-6 198066-98-7 198971-79-8 198971-81-2 198971-99-2
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 293327-38-5 293760-73-3 293762-31-9 293762-35-3 300377-77-9
 319489-50-4 325856-62-0 342388-95-8 342592-08-9 343589-13-9
 353783-36-5 355152-86-2 374094-67-4 400837-13-0 438538-56-8
 438540-22-8 439091-52-8 478250-28-1 478250-29-2 478250-30-5
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676586-93-9 676587-68-1 676587-72-7 676614-65-6 676615-75-1
 862588-92-9 862588-93-0 862588-94-1 862588-95-2 862589-07-9
 862589-08-0
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (preparation and use of long-chain alkyl compds. as heparanase inhibitors)

=> D HIS

(FILE 'HOME' ENTERED AT 10:11:09 ON 28 NOV 2007)

FILE 'REGISTRY' ENTERED AT 10:11:24 ON 28 NOV 2007

L1 STRUCTURE UPLOADED
 L2 2 S L1 FAM FULL

FILE 'CAPLUS' ENTERED AT 10:12:33 ON 28 NOV 2007

L3 1 S L2

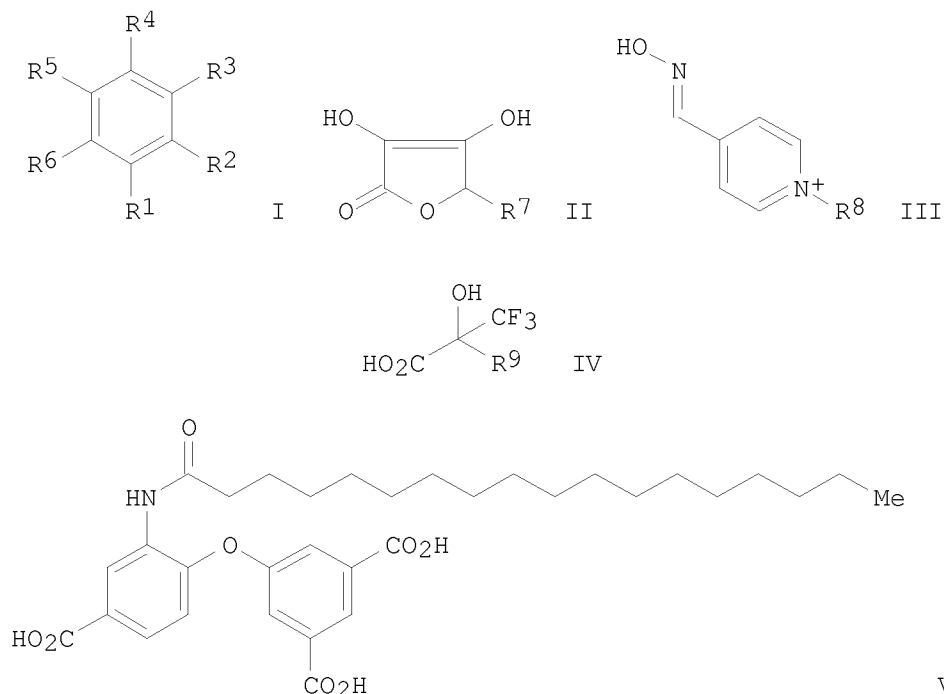
=> D L3 ibib abs kwic hitstr

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 Joseph
 PATENT ASSIGNEE(S): Insight Biopharmaceuticals Ltd., Israel
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005211255	A1	20050818	AU 2005-211255	20050206
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			WO 2005-IL149	W 20050206

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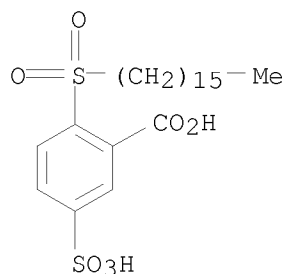


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 862588-92-9 862588-93-0 862588-94-1 862588-95-2 862589-07-9
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 RN 198971-99-2 CAPLUS
 CN Benzoic acid, 2-(hexadecylsulfonyl)-5-sulfo- (CA INDEX NAME)



=> File registry
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
10.66	84.87

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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STRUCTURE FILE UPDATES: 27 NOV 2007 HIGHEST RN 956075-61-9
 DICTIONARY FILE UPDATES: 27 NOV 2007 HIGHEST RN 956075-61-9

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=> D HIS

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L3 1 S L2

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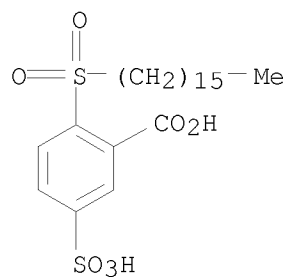
=> S L1 sss full
FULL SEARCH INITIATED 10:15:26 FILE 'REGISTRY'
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100.0% PROCESSED 17 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L4 2 SEA SSS FUL L1

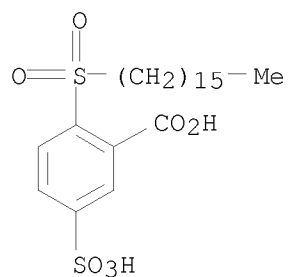
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● Pb(II)

L4 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
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1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY SESSION

CA SUBSCRIBER PRICE

0.00 -1.56

STN INTERNATIONAL LOGOFF AT 10:16:09 ON 28 NOV 2007